

WHAT IS CLAIMED IS:

1. A resin hollow body comprising:

a pair of primary semi-hollow bodies formed by primary injection molding, whose open ends are butted with butt ends thereof so that a joining space is defined on an outer periphery of the butt ends; and

a secondary molding portion formed by injecting a molten resin by secondary injection molding so as to fill between the butt ends to thereby unite the pair of primary semi-hollow bodies into a single body.

2. A resin hollow body according to claim 1, wherein the butt ends are formed along inner peripheral sides of the open ends of each semi-hollow bodies.

3. A method for forming a resin hollow body by injection molding, comprising the steps of:

a primary injection molding of forming a pair of primary semi-hollow bodies by injecting a molten resin into cavities defined by a slidable mold and a movable mold;

butting open ends of the semi-hollow bodies at butt ends thereof so as to define a joining space on an outer periphery of the butt ends by sliding the slidable mold relative to the movable mold after the primary injection molding, and

a secondary injection molding for uniting the primary

semi-hollow bodies into a single body by injecting a molten resin so as to fill the joining space;

wherein the movable mold is moved at a predetermined degree during the secondary injection molding to thereby fill  
5 a space between the butt ends with the molten resin.

4. A method for forming the resin hollow body by injection molding according to claim 3, wherein the butt ends are formed along inner peripheral sides of the open ends of each  
10 semi-hollow bodies.

5. The method according to claim 3, wherein the movable mold is moved at the predetermined degree by the filling pressure of the molten resin to fill the space between the butt ends.  
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6. The method according to claim 3, wherein the molten resin filling the joining space and the space between the butt ends is compressed after the space between the butt ends is filled.

20 7. A mold for injection molding of a resin hollow body comprising:

a slidable mold and a movable mold which form a cavity for molding a pair of primary semi-hollow bodies and a cavity for molding a joining portion, wherein:

25 the slidable mold is configured to move to a first

position for closing the slidable and movable molds and for primary molding allowing the cavities to form a pair of primary semi-hollow bodies each having a butt end and a part of a joining space at open end thereof, and the slidable mold is configured  
5 to move to a second position for closing the molds with the pair of primary semi-hollow bodies held therein allowing the butting of the butt ends of the open ends of the primary semi-hollow bodies to define the joining space on an outer periphery of the butt ends, the primary semi-hollow bodies  
10 being united into a single body by filling the joining space by injection with a molten resin for secondary molding, and the movable mold is movable at a predetermined degree during the secondary molding in the second position.

15 8. A mold according to claim 7, wherein the movable mold is movable at the predetermined degree in the second position by a predetermined filling pressure of the molten resin during the secondary molding.

20 9. A mold according to claim 7, wherein the mold opened to the predetermined degree is closed again.